

City light PREMIUM

Clear View



Android Product User's Manual

Rev 1.2





Precautions

1. In the event that the adapter power is turned off while not being connected to the network, the Clear View Android's clock will not run. Therefore, if the time stops, contents may not play so please keep the power cord connected at all times.
2. **The USB memory file format must be Fat32** to update contents.
When formatting NTFS, the Android player will not recognize it
3. When first installing product or when using without connecting power long periods of time, please set **the date and time, and your region** for normal schedule play.
-See "07. Advanced functions"
4. When working with keyboard or mouse, make sure to **turn the power off and then on using the main power button** on the back of the product for normal operation.

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1) Composition

Once opening the Clear View box, check for the following components.



Main unit



Remote control



Power cord



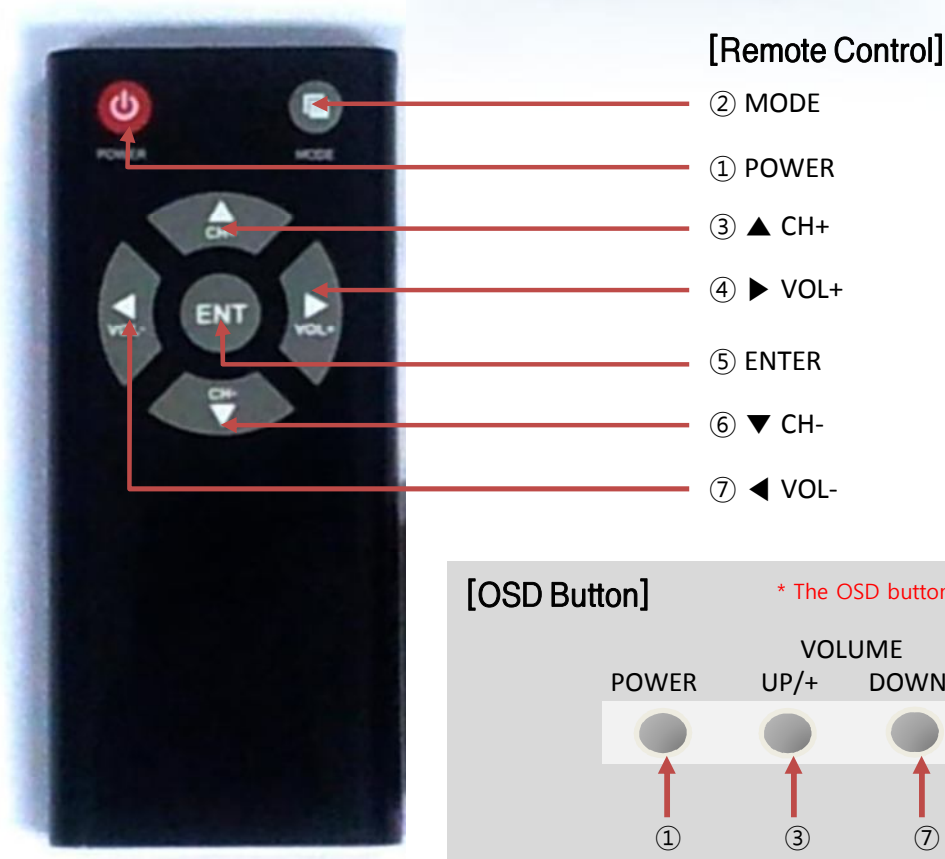
Adapter

*The SC-156TL1 product does not have a remote control.

2) Product Specifications

Product		ClearView 461N	ClearView 221N	ClearView 156
Model		SC-460TL1/N, SC-460TL1/NTI	SC-220TL1/N, SC-220TL1/NTC	SC-156TL1
Size	Display	46"	22"	15.6"
	Body	1,339(H)x659(W)x377.5(D)mm	440(H)x520(W)x336.1(D)mm	276(H)x411(W)x217(D)mm
	Inner	1,023(H)x601(W)x301(D)mm	302(H)x478(W)x320(D)mm	197(H)x348(W)x205(D)mm
	Stand	650(H)x659(W)x336.1(D)mm	1,170(H)x520(W)x336.1(D)mm	None
Weight	Body	58kg	27.5kg	9.4kg
	Stand	27kg	37kg	None
Resolution		768x1,366 pixel	1,680x1,050 pixel	1920x1080 pixel
Transmittance		6%	15%	15%
Viewing Angle		L(89),R(89),U(89),D(89)	L(80),R(80),U(60),D(80)	L(80),R(80),U(80),D(80)
Media B'D	CPU	Exynos 4412 1.7GHz Quad Core	Exynos 4412 1.7GHz Quad Core	Exynos 4412 1.7GHz Quad Core
	O/S	Android 4.1.2	Android 4.1.2	Android 4.1.2
Support Media		Video, Audio, Image, Flash(swf)	Video, Audio, Image, Flash(swf)	Video, Audio, Image, Flash(swf)
LED Brightness	Top	33,000 lux	5,000 lux	3,000 lux
	Bottom	33,000 lux	None	3,000 lux
Input Port	Video	1xRGB, 1xHDMI	1xRGB, 1xHDMI	1xRGB, 1xHDMI
	USB	2xUSB	2xUSB	2xUSB
	Network	1xLAN(10/100Mbps), 802.11n(Optional)	1xLAN(10/100Mbps), 802.11n(Optional)	1xLAN(10/100Mbps), 802.11n(Optional)
	Etc	1xAudio-In, 1xRS232C	1xAudio-In, 1xRS232C	1xAudio-In, 1xRS232C
Output Port		1xAudio-Out, 1xSPDIF	1xAudio-Out, 1xSPDIF	1xAudio-Out, 1xSPDIF
Audio AMP		2x5W (*None Speaker)	2x5W (*None Speaker)	2x5W (*None Speaker)
Power Consumption		145W	30W	23W
Power Input		AC 100~240V ~50/60Hz Adapter	AC 100~240V ~50/60Hz Adapter	AC 100~240V ~50/60Hz Adapter
Option		IR Touch (6point)	Capacitive Touch (1point)	None
Certification		None	None	None
Etc		To use 'Touch', you need a PC with Windows.		

1) Remote control and OSD button functions



① POWER

- Puts Player in standby mode or awakens it.

② MODE , SOURCE/EXIT

- Select an input source from RGB or HDMI. The video connected to the selected input course will appear on the screen.

* You must select DVI for the Android player screen.

- Return to previous menu from Select Function.

③ ▲ CH+

- Move cursor up at OSD Function.

④ ► VOL+ , VOLUME UP/+

- Increase volume.
- Increase or change value in OSD Function.

⑤ Enter , MENU/SELECT

- Select input source or apply value changed in OSD function
- Select OSD function.

⑥ ▼ CH-

- Move curser down at OSD function.

⑦ ◀ VOL- , VOLUME DOWN/-

- Reduce volume.
- Reduce or change value at OST function.

2) OSD Function

The below is a breakdown of functions that appear when pressing the [MENU/SELECT] button of the remote control or OSD button.

Depending on the product, the OSD function will appear as a reverse image or rotated.

① Picture

- Brightness

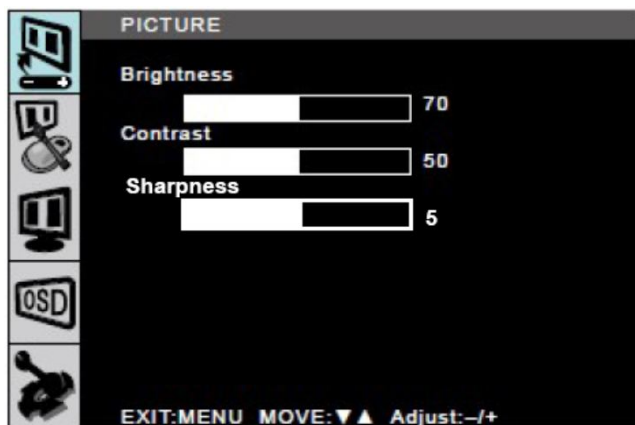
: Adjusts brightness between 0 and 100. Changes to default after factory initialization.

- Contrast

: Adjusts contrast between 0 and 100. Changes to default after factory initialization.

- Sharpness

: Adjusts resolution between 0 and 100. Changes to default after factory initialization.



② Color

User : User adjust color value.

Normal : Display as normal color value.

Cool : Adjusts screen color closer to blue.

Warm : Adjust screen color closer to red.

Auto Color : Adjust colors automatically according to the input colors on the PC.



③ Screen

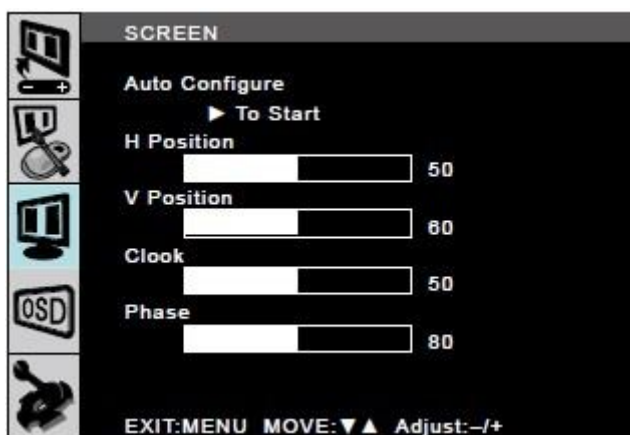
Auto Configure : Automatically set the marking position of the screen.

H Position : Move screen marking position left and right.

V Position : Move screen marking position up and down.

Clock : Adjust position according to HSYNC input signal.

Phase : Fine adjust marking position of screen.



④ OSD

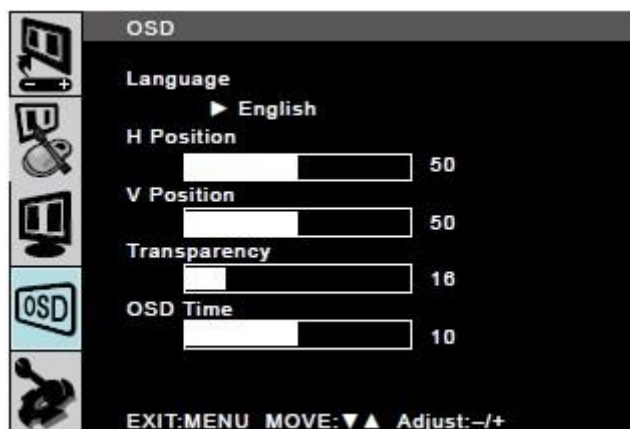
Language : Change OSD language. (English, French, German, Spanish, Italian, Korean)

H Position : Configure left-right marking position of OSD screen.

V Position : Configure up-down marking position of OSD screen.

Transparency : Configure transparency indicated on OSD screen.

OSD Time : When not using, configure the end time of the OSD screen. (20s,30s,40s,50s,60s)



⑤ Set-Up

Source : Select input source. (RGB, DVI, HDMI)

* In order to see the Android Player screen, you must select DVI.

Aspect : Select screen output ratio. (4:3, 16:9)

Factory Reset : Reset to factory configuration.



⑥ OSD Message

OUT OF RANGE

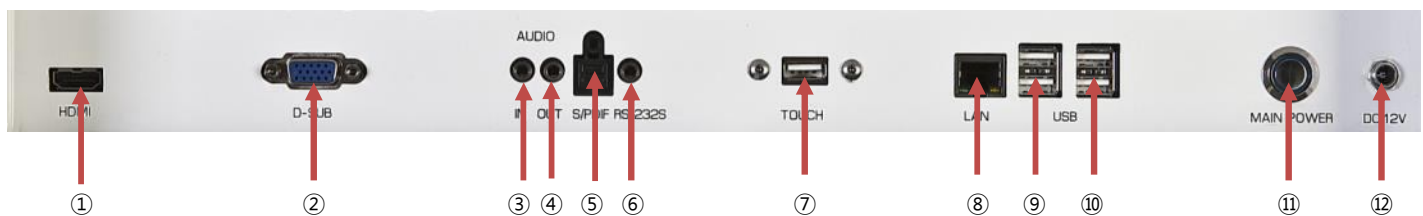
Appears when the input signal exceeds the screen resolution output.

NO SIGNAL

Appears when source selection is wrong or when there is no video input from an external device.

1) POWER LED

- Green : Lights up when receiving video signal input from Android Player or external device.
- Red : Lights up when Android Player is standby mode or when there is no video input from external device.

2) In/Out Port

- ① HDMI
 - Can connect external device with HDMI.
- ② D-SUB
 - Can connect external device with RGB.
- ③ AUDIO IN
 - Can connect speaker output of external device.
- ④ AUDIO OUT
 - Sends sounds from external device input Audio In as amplified sound under 5W.
- ⑤ SPDIF
 - Sends sounds of external devices connected via HDMI as optical power.
- ⑥ RS-232C
 - Connects to PC and controls OSD functions as separate protocol.
- ⑦ TOUCH
 - Connects to USB terminal of PC to use built-in Touch.
 - * Touch is supported only in select models.
- ⑧ LAN
 - Connects to wired network.
- ⑨, ⑩ USB
 - Can connect to wireless LAN or keyboard.
 - Can connect USB memory for contents update.
- ⑪ MAIN POWER
 - Turns product power ON or OFF.
- ⑫ DC 12V
 - Connects to adapter with 12V output.

3) Connection to external device

3-1) Connection to RGB

- Connect to the D-SUB terminal, which is the in/out port for clear view, and external devices.
- Press the [MODE] button on the remote control or [SOURCE/EXIT] button on the OSD button to select RGB.
- Press the [ENT] button on the remote control or [MENU/SELECT] button on the OSD button to apply RGB.

3-2) Connection to HDMI

- Connect to the HDMI terminal, which is the in/out port for clear view, and external devices.
- Press the [MODE] button on the remote control or [SOURCE/EXIT] button on the OSD button to select HDMI.
- Press the [ENT] button on the remote control or [MENU/SELECT] button on the OSD button apply RGB.

3-3) Connect to external speaker

- Connect external speaker with the AUDIO OUT terminal, which is the Clear View in/out port.
- * The Clear view' s built-in amp sends 10W (5Wx2) output.

Supported Contents

1) Movie

- Video Codec : Mpeg4, H.264
- Audio Codec : AAC
- Extension : avi, mp4, mpg(mpeg)

2) Image

- Support jpg, png, bmp
- * Does not support files that are 5MB or higher.

3) Flash

- swf (support formats under Adobe flash player 11.1)

4) URL

- Indicate the website screen of the URL registered by the user
- Input site URL in the Management S/W

4) Html

- Indicate file made up of html source
- Extension : htm, html
- * Citylight Premium uses the web kit engine and is compatible with HTML5.

Contents Update

1) Insert USB memory generated using Management S/W to the USB terminal on the back of the product.

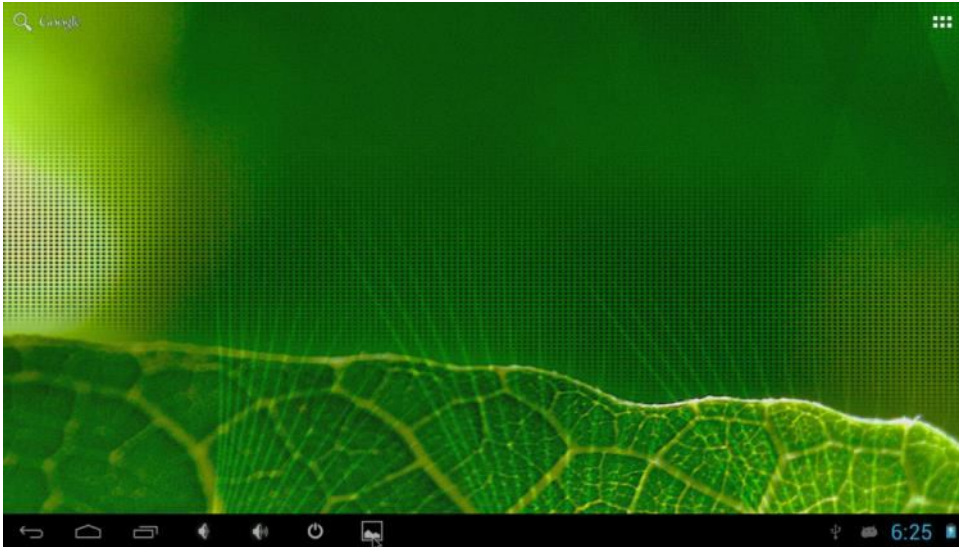
2) Once USB memory is recognized, the contents is copied.

3) Once update is complete, the player will run automatically.

- * The file format of USB memory must be of Fat32.
when formatting with NTFS, Android Player will not recognize it.
- * When generating schedule using Management S/W, “_eyeview” folder will be generated in the USB memory.
- * When re-updating updated product with the same schedule, the USB memory’s “_eyeview” folder will delete the “done” folder.



1) Ending Player

- ① Connect mouse or keyboard USB terminal make automatically end.
- ② Once player ends, the screen as seen in [Figure 1] will appear.





[Figure 1]

2) Start Player

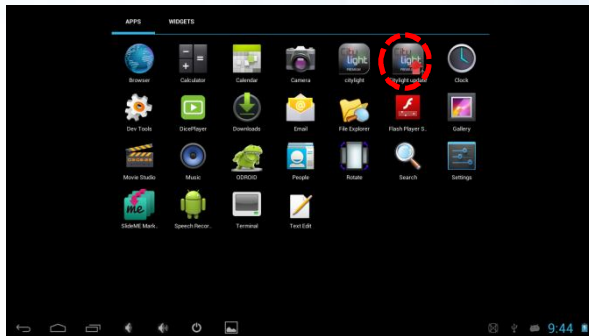
- ① Connect mouse to USB terminal.
 - ② Click on the  icon on the upper right hand of the screen to execute the application drawer.
 - ③ From the installed apps, select  Citylight and left click to execute.
- * Citylight automatically executes at booting so if there is no mouse, turn power off and then on.

3) Player Update

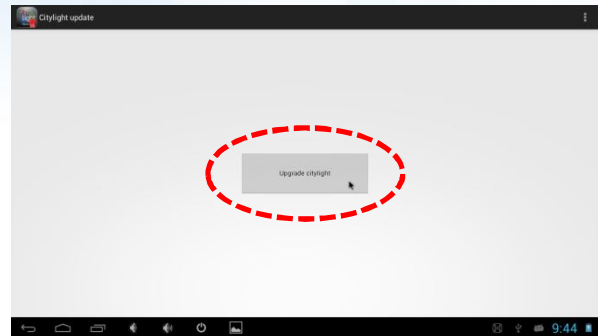
※ If Citylight Update App is not installed down load from <http://clearview.31cts.com>.

- ① Exit first when Citylight Player is in operation.
- ② Run the App drawer by clicking  icon on the top-right of the screen.
- ③ Applications that are installed, select  Citylight Update and press left mouse button to run.
- ④ You can proceed by pressing "Upgrade Citylight" button in center.

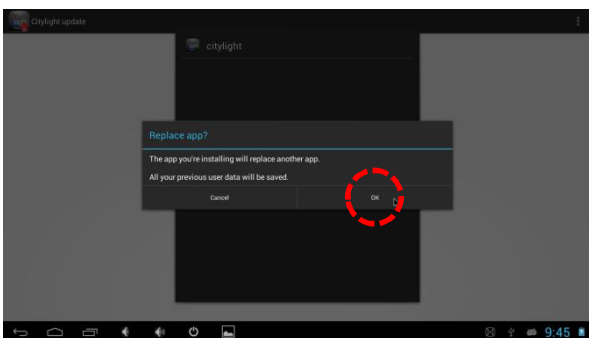
⑤ When the update complete remove USB memory and mouse, after that turn the main power off and on again to see working properly.



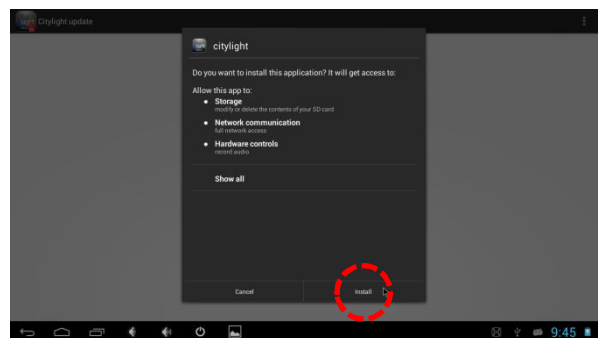
① Select "Citylight update"



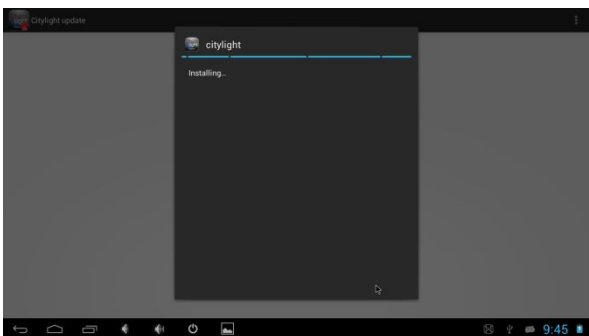
② Select "Upgrade Citylight"



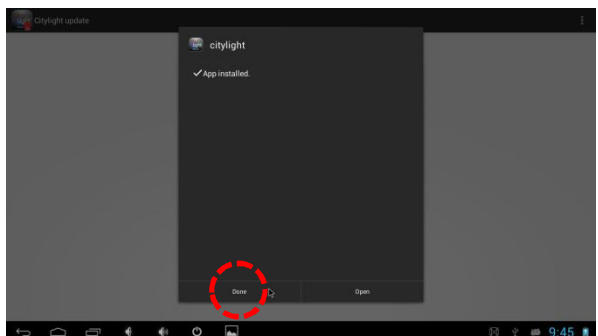
③ Select "OK"



④ Select "Install"



⑤ The progress of the installation.




⑥ Select "Done" Select


4) Player initial setup network version.

① Installed in clear view of the Citylight Player in order to use the network version of the following information is required to register.

② End Citylight Player. Connect USB keyboard and mouse to the Clear View USB terminal.

③ As shown in [Figure 1] at the top right of the screen, click  icon.

④ Displayed in App list  select "Text Edit" .

⑤ Select "Open" when the menu appears by selecting  icon at the bottom of the screen.

⑥ Press "Browser" button, /mnt/sdcard/_eyeview select folder.

⑦ If you press "Open" button after select "device.xml" file, brings the following files in the Text Edit.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
```

```
<!--This is CityLight Premium device information.-->
```

```
<root>
```

```
<!--Device informations-->
```

```
<device>
```

```
<model v="SCD-VP10"/>
```

```
<nickName v="android player"/>
```

```
<siteName v="citylight"/>
```

```
</device>
```

```
</root>
```

⑧ The contents of the device.xml file in the above, modify nickName and siteName to server information.

- nickName : Current set of nickName for ClearView
- siteName : Access site for Clear View and must be match the site name registered on the server.

⑨ Press "Save" button on the bottom menu of Text Edit.

⑩ The following contents of XML, Open the "setting.xml" file and save after changing "<mainServer address=" part to server URL.




※ When modifying the XML should be modified to suit the type and it will not work properly if there is wrong TAG.

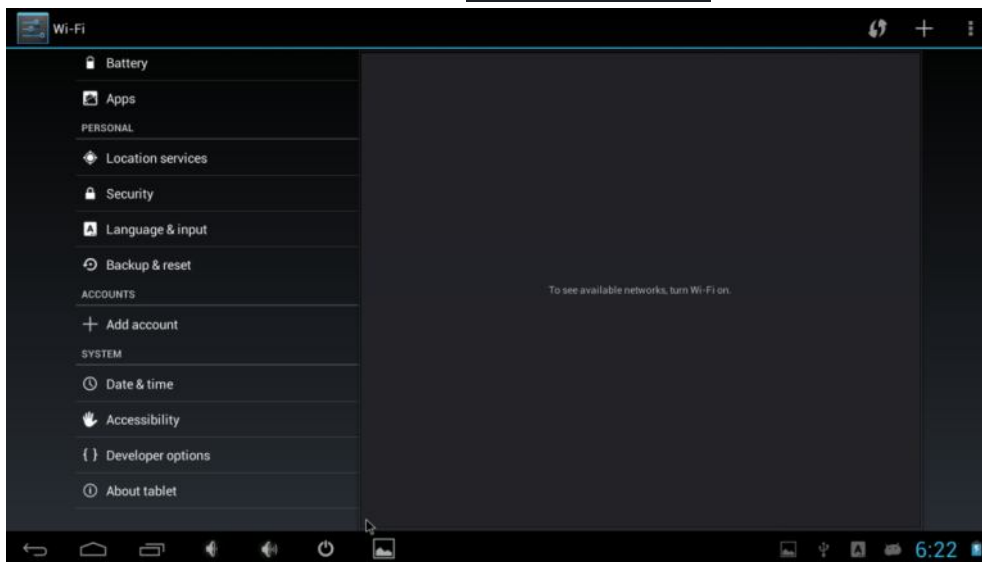
※ In order to use the network version must be modified in server information of device.xml and setting.xml.

※ Please check again device.xml and setting.xml files above, if information of clear view set in Citylight TMS doesn't appear.

1) Setting the time and date

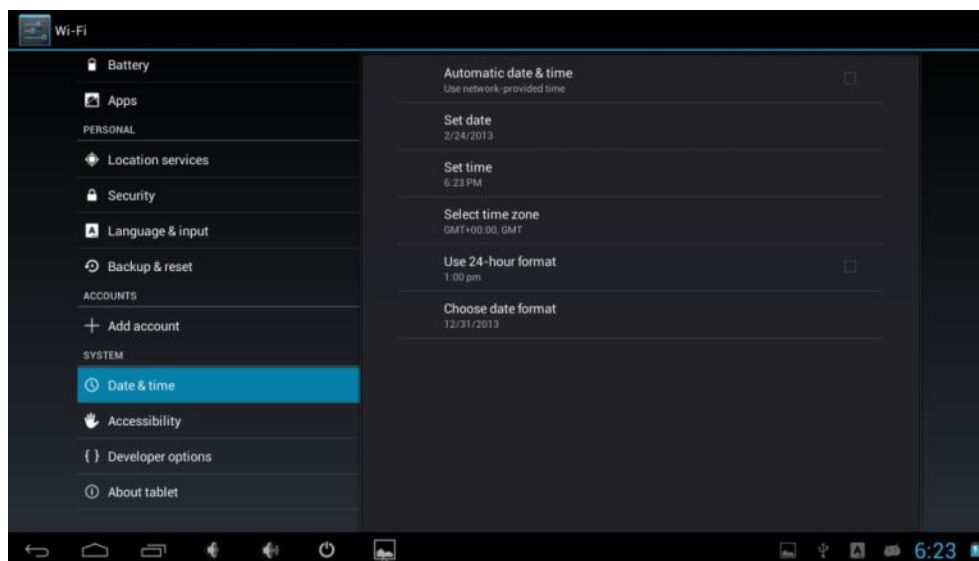
* If network is connected to Clear View Android, begin from 11).

- ① Connect mouse to USB terminal.
- ② End player.
- ③ As seen in [Figure 1], click on the  icon on the upper right hand.
- ④ Once the installed app list appears, click on the  setting icon to execute.
- ⑤ What [Figure 2] appears, select the  **Date & time** menu.



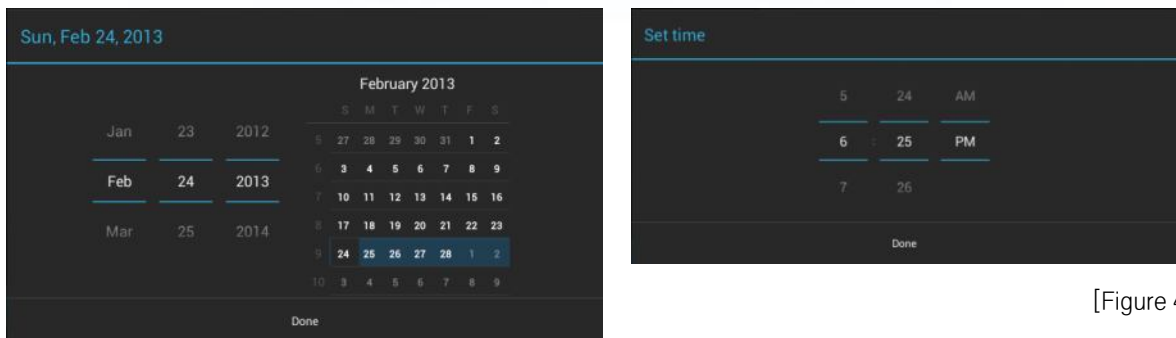
[Figure 2]

- ⑥ When selecting “Date & Time” the screen as seen in [Figure 3] will appear.
- ⑦ When Clear View is not connected to network, the “Automatic date & time” box will be unchecked.



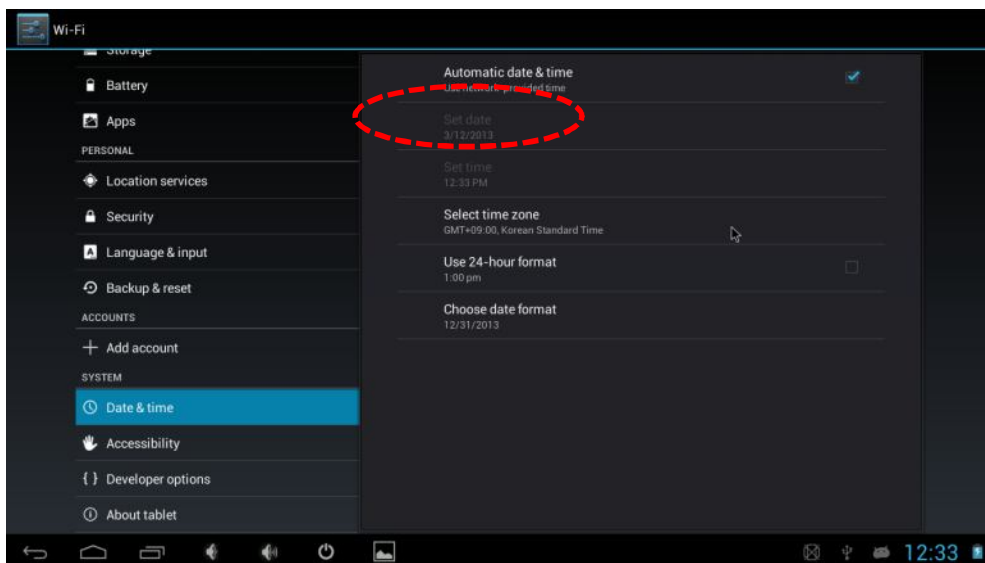
[Figure 3]

- ⑧ When removing check from the “Automatic date & time” box, “Set date” and “Set time” in the sub menu will be activated.
- ⑨ When selecting “Set date” and “Set time” , the configuration screen as seen in [Figure 4] will appear.
- ⑩ After setting current date and time, press the [Done] button.



[Figure 4]

- ⑪ Choose “Select time zone” to set your region.






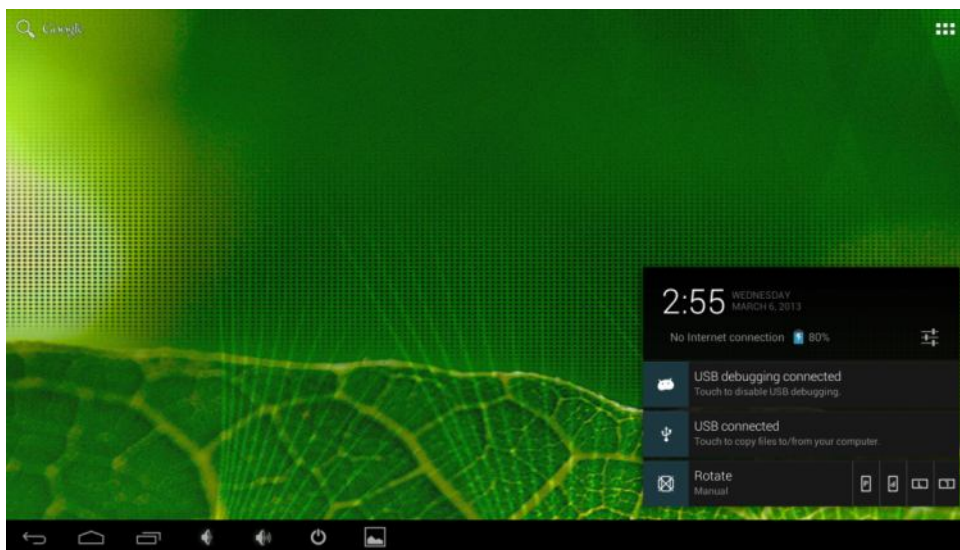
[Figure 5]

The time zone should be set to the location in which the product is located. In the event that the time zone is set incorrectly, the accurate date and time will not be fetched even if connected to network.


2) Rotate screen

* **Android Player supports screen rotation of various angles.**

- ① Connect mouse to USB terminal in the back.
- ② End player.
- ③ Click on    **3:38** field on the lower right hand of the screen in [Figure 1].
- ④ The popup screen will appear as seen in [Figure 6].



[Figure 6]

- ⑤ From the icons on the right side of menu indicated as “ Rotate”, click on the icon of the desired angle.



Rotate screen 0° vertically



Rotate screen 180° vertically



Rotate screen 0° horizontally



Rotate screen 180° horizontally

FAQ

1. Not booted.

A) Turn off main power switch on the back of the product, wait three seconds, and turn on again.

2. The screen does not show anything or says "NO SIGNAL" .

A) Press on the OSD button or [Source] button of the remote control and check if it is currently set as "DVI"

3. After booting, contents do not play.

A) Check current time of Android.

* In the event that there is no power to the product or is not connected to the network, the time will be stopped.

4. Contents do not update.

A) In the event that an updated Clear View is inserted in the USB memory, it will not update.

If you wish to update again, check if there is a folder named "done" in the "_eyevue" folder after inserting USB memory in the PC.

If there is a "done" delete it and reinsert in the USB terminal.

A) Check if the USB memory' s file format is as Fat32. It will not be recognized if formatted as NTFS.

5. Even if the network is connected, the date and time will not be changed.

A) Check in the system configuration' s "Date & time" menu if the "Automatic date & time" box is checked.

In the event that it is not checked, even if it is connected to the network, the current date and time will not be shown automatically.

6. Does not play due to anomalies during update.

A) In the event that problems occur during update or when ending player, it may not play correctly.

At this time, turn the power off and on, and if it is still not resolved, take the following actions.

1) End player after connecting mouse to USB terminal.

2) Execute APP drawer.

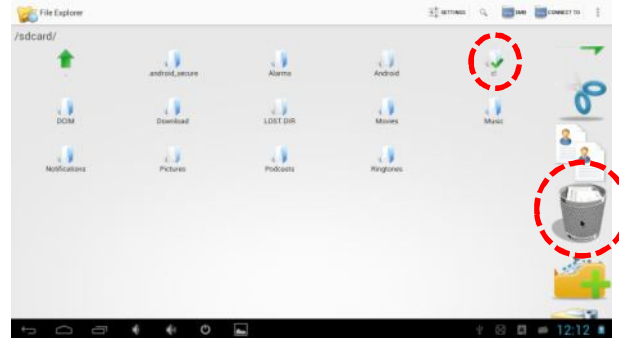
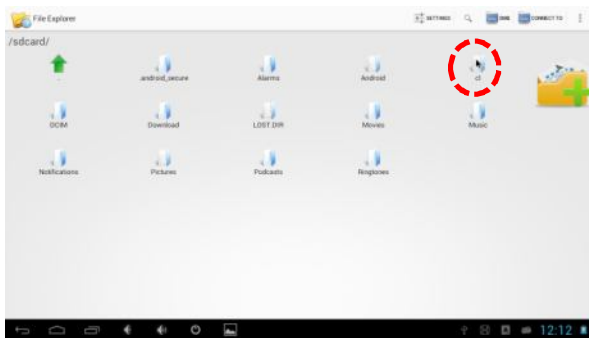
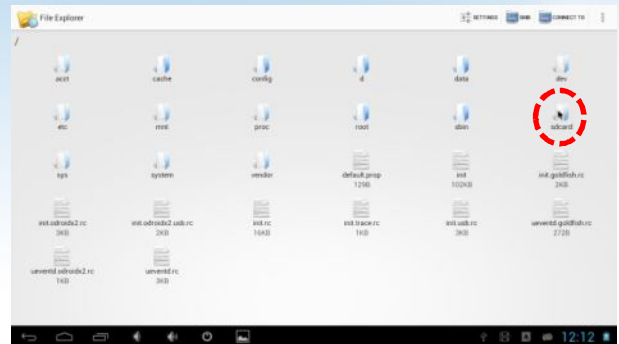
3) Execute "File Explorer" and select / sdcard

4) Click on "_eyevue" folder, and after about 2 seconds, a checkbox and a sub icon will appear on the right.

By dragging using mouse upward, a recycle bin icon will appear.

5) Select the recycle bin icon and delete the "_eyevue" folder.

6) Right click to end File Explorer and then execute "Citylight" in the App drawer.



7. What should I do to use wireless LAN?

A) In order to use wireless LAN for the Clear View Android product, purchase a Wi-Fi module mounted with the RTL8191SU chipset from Real tech and connect it to the USB terminal in the back of the product.

Afterwards, turn Wi-Fi ON in the system configuration for use.

8. Player in Network versions Citylight TMS do not see the connection information.

A) In order to use the network version, please check the following first.

1) Make sure that Internet drive normally and network cable is connected to the Clear View.

2) /mnt/sdcard/_eyeview/device.xml of the contents, make sure that siteName value is properly registered.

3) /mnt/sdcard/_eyeview/setting.xml of the contents, make sure that mainServer value is properly registered.